The Builder

A JOURNAL FOR THE

Architect, Engineer, Operative & Artist.

VOL. X.—No. 510. NOVEMBER 13, 1852. PRICE FOURPENCE. Stamped 5d.

ILLUSTRATIONS.

Klucker from Florence 719

Rectory-house and Campanile, St. Martin's Organ: Mr. John Davies, Architect 719

CONTENTS.

Curious Experiment with Light—Assyrian Palace—Step in Sewage Manure Question 713

Some of the Principles of Design in Architecture—Having particular Reference to Ecclesiastical Edifices 715

Sanitary Architecture 717

On Portable Farm Buildings—Suggested as a Remedy, in some degree, for the Scarcity of Farm Labourers 719

A Knocker from Abroad 719

Notes in the Provinces 719

Designs and their Effects in Execution 720

Building Scraps from Ireland 720

Royal Recognition of the Arts and Practical Science 721

Leeds Academy of Arts 723

The Deterioration of Timber 723

Industrial Instruction Abroad 726

Railway Matters 733

Reform of Epitaphs 733

New Rectory-house and Campanile, Martin's-lane, Cannon-street East 733

The Iron Trade in Scotland 733

Scaffolding for external Repairs 735

House Agents' and Builds' Disputes 735

Dilemma to Workmen—Brompton County Court—Skeleton v. Dalrymple 735

The Weight that can be trusted on a Pile 735

Notice of Books: Proceedings of Somerset Archæological Society (Bell); Richardson on Plague and Pestilence 735

Miscellanea 736

COMPETITIONS.

TO CONTRACTORS, BUILDERS, &c.

THE Bridge at Wisboroughgreen, near Petworth, Sussex, having given way, it is proposed to BUILD a new BRIDGE, either of stone, brick, iron, or wood. The whole waterway of the old bridge was a semi-circle of 28 feet diameter; the new bridge to be of a wider compass. Plans, tenders, and specifications, sealed, to be sent, directed to Mr. MAY CUTTON, of Petworth, Surveyor, on or before the first day of DECEMBER next, who will, on application, personally or by letter, give any particulars which may be required.—Petworth, 28th October, 1852.

CONTRACTS.

KING'S COLLEGE HOSPITAL.—TO BUILDERS.—Notice is hereby given, that the TIME for sending in the TENDERS for the erection of this hospital is EXTENDED to WEDNESDAY, the 1st of DECEMBER.

Nov. 10, 1852. J. W. CUNNINGHAM, Hon. Sec.

TO DUST CONTRACTORS.

WANTED, about 2,000 CHALDRONS of BREEZE and ASHES, to be delivered at Camden-town, by Regent's-canal.—Persons willing to contract for the same are requested to forward their prices to J. MOORE, 16, Chalton-street, Somers-town, London.

TO BUILDERS.

PERSONS desirous of CONTRACTING for ALTERING and RESTORING the HOUSE, Building, Stables, and Offices, at Fontmell Parva, parish of Child Okeford, Dorset, may see the drawings and specifications at the house, until Sixth November next. Sealed tenders must be sent to Lieut.-Colonel MALET, Wincanton, Somerset, before NOVEMBER 20, 1852. The proprietor does not bind himself to accept the lowest or any tender.—N.B. The house is 6 miles from Blandford and from Shaftesbury.

LIVERPOOL DOCKS.—TO CONTRACTORS and BUILDERS.—EXTENSION of TIME.—The Committee of the Liverpool Docks will be prepared, on WEDNESDAY, the 24th NOVEMBER next, to receive TENDERS for the construction of the WORKS required in the formation of the proposed Wapping Dock and Basin, the Alteration of the Salthouse Dock, the Re-construction of the West Entrance of the Queen's Dock, and the Formation of outer Entrances to, and the Deepening of, the Queen's Basin, and such other matters as are set forth in the specifications. The plans and specifications of the above works may be seen on application at the Office of the Dock Surveyors, Dock-yard, Coburg Dock, on and after the 1st October next. The Dock Committee will not bind themselves to take the lowest or any of the tenders. The tenders must be sealed, indorsed "Tenders for Dock Works," addressed to "The Chairman of the Dock Committee," and be sent in to the Office of the Secretary.

By order, DANIEL MASON, Secretary.

Dock Office, Liverpool, 2nd September, 1852.

TO ROADMAKERS AND BUILDERS.

THE Executive Committee of the Church of England and General Freehold Land Allotment Society, are desirous of receiving TENDERS for PROVIDING and LAYING about 1,200 feet of GLAZED STONEWARE PIPE SEWER, with all necessary bends, junctions, and gulley-traps; also for making about 1,120 feet of Roadway upon their estate at Harrow-on-the-Hill, Middlesex. Plans and specifications may be inspected at the Office of Mr. GEORGE LANSFORD, Architect and Surveyor, 12, Adam-street, Adelphi, on and after MONDAY, the 15th instant, between the hours of ELEVEN and FOUR, and tenders are required to be sent in on or before noon, on TUESDAY, the 23rd instant, addressed to the Secretary, and endorsed "Tenders for Roads and Sewers, at Harrow-on-the-Hill." The committee do not bind themselves to accept the lowest or any tender, and the party whose tender is accepted will be required to provide two sureties for the due performance of the works.—38, John-street, Adelphi.

CONTRACTS.

TO CONTRACTORS.

NOTICE is hereby given, that TENDERS will be received at the Ordnance Office, Pall-mall, London, on or before MONDAY, the 22nd day of NOVEMBER, 1852, from persons desirous of contracting with the Honourable Board of Ordnance for the EXTERNAL WORK required in CONVERTING 8 HOUSE SOLDIERS' OLD BARRACKS, at SHEERNESS, into an HOSPITAL.

Plans and specifications of the work are to be seen, and forms of tender obtained, on application at the Royal Engineer Office, Sheerness, between the hours of TEN and FOUR, till the 20th instant, Sundays excepted.

The person whose tender may be accepted will be required to enter into a bond, with two eligible securities, jointly and separately to be bound under a penalty of £50 for the due performance of the contract.

Tenders to be addressed to the Secretary to the Board of Ordnance, Ordnance Office, Pall-mall, London, and to be delivered free, indorsed "Tender for Works at Sheerness."

No tender can be admitted after the said 22nd day of NOVEMBER, 1852.

The Board of Ordnance reserve to themselves the right of rejecting the whole or any of the tenders.

W. R. ORD, Lieut.-Colonel Commanding Royal Engineer.

Royal Engineer Office, Chatham, 6th November, 1852.

METROPOLITAN COMMISSION of SEWERS.—To BUILDERS and OTHERS.—The Metropolitan Commissioners of Sewers hereby give Notice, that they will be ready at the Court-house, No. 1, Greek-street, Soho-square, on FRIDAY, the 26th day of NOVEMBER instant, at ELEVEN o'clock, a.m. precisely, to receive sealed TENDERS from parties who may be willing to contract for the LAYING DOWN, CONSTRUCTING, and COMPLETELY FINISHING of certain intended BRICK SEWERS 4 FEET in length, or thereabouts, with other Works in connection therewith, in the LEE-ROAD and ELTHAM-ROAD, in the parishes of Lee and Eltham, and county of Kent, and the maintenance thereof in complete repair for twelve calendar months. Plans, sections, and a specification of the above Works, together with the form of tender, may be inspected, and other particulars obtained, at the Principal Office of the said Commissioners, No. 1, Greek-street, Soho-square, until the 25th INSTANT, between the hours of NINE, a.m. and FOUR, p.m. The said Commissioners do not bind themselves to accept the lowest or any tender, and the party whose tender shall be accepted will be required to provide two sureties for the due performance of the said works. No tender will be received after the hour above mentioned.

R. H. WOOLRYCH, Secretary.

No. 1, Greek-street, Soho-square,

Dated this 11th day of November, 1852.

TO GAS ENGINEERS.

THE Gas Consumers' Association is prepared to receive PROPOSALS for SUPPLY of GOOD GAS, for lighting and heating, at a price not exceeding [illegible] per thousand cubic feet.—Apply to Mr. C. A. WHEELER, Chairman of the Association, Swindon, Wilts.

TO EXCAVATORS.

PARTIES desirous of CONTRACTING for forming ROADS and EXECUTING certain EARTHWORK at a Field on Old Ford, Bow, may see the plans and specification by applying at the Office of Mr. HENRY FLOWER, Architect, No. 1, Gracechurch-street. Security will be required for the due performance of the works, but the employers will not be bound to accept the lowest or any tender. Tenders to be sent to Mr. FLOWER'S Office by THREE o'clock in the afternoon of TUESDAY next.

TO BUILDERS, CARPENTERS, AND OTHERS.

TENDERS are required for the ERECTION of CATTLE SHEDS, Cow-house, Granary, Piggeries, Stables, &c. at the Farm occupied by Mr. William Smith, situate at Darenbam, Kent, where plans and specifications of the same may be seen. Tenders will be received by me up to noon on the 24th day of NOVEMBER, 1852. J. R. DAGG.

Hothfield, Hertz.

TO BUILDERS AND CONTRACTORS.

TENDERS are required for putting in a NEW FRONT and effecting sundry alterations to the premises known as the COMMERCIAL-ROAD WINE and SPIRIT VAULTS, Commercial-road East. Plans and specification may be seen at the Offices of Mr. E. J. WOODCOCK, Surveyor, Perpetual Hill, Sydenham, to whom tenders are to be addressed on or before the 22nd day inst. indorsed, "Tenders for sundry Alterations to the Commercial-road Wine and Spirit Vaults, Commercial-road East," to which letters will be received at the premises at Two o'clock p.m. on the 22nd, as above. The lowest will not of necessity be accepted, without the sureties are satisfactory.

Dated 6th November, 1852.

KENT FREEHOLD LAND SOCIETY.—To ROAD CONTRACTORS AND OTHERS. The Directors of the Kent Freehold Land Society, will be prepared on WEDNESDAY, the 24th NOVEMBER, at SEVEN o'clock p.m. to receive TENDERS, for MAKING ROADS and LAYING IN DRAIN PIPES on their estate, at Orpington, near St. Mary Cray, Kent; and sections may be seen at the Offices of Mr. H. E. WARDLE, Surveyor to the said Society, Coleman-street, Woolwich, on or after the 17th inst. and printed specifications and quantities be had on payment of 10s.—The tenders must be sealed and endorsed, "Tenders for Road-making," addressed to the Chairman of the Society. The Directors do not pledge themselves to accept the lowest or any tender.

RICHARD RUDGE, Secretary, 26, High-street, Woolwich.

GREAT WESTERN RAILWAY.—CONTRACTS for WORKS on the WILTS, SOMERSET, and WEYMOUTH RAILWAY.—Notice is hereby given that the Directors of the Great Western Railway Company will receive TENDERS for the construction of the Works on the portions of the Wilts, Somerset, and Weymouth Railway, extending from the Frome Station to Castle Cary, a distance of about fourteen miles, and from Maiden Newton to Allwell, a distance of about four and a half miles.—Drawings and specifications may be seen, and any further information obtained, at the Office of the Engineer at Westbury, on and after the 12th of DECEMBER next. The tenders are to be addressed to the Secretary of the Great Western Railway Company, and delivered at his Office, 6, Paddington, before TWELVE o'clock on WEDNESDAY, the 5th JANUARY, 1853.

BUILDERS' BENEVOLENT INSTITUTION.

An ELECTION of FIVE PENSIONERS (three Males and two Females) will take place on TUESDAY, FEBRUARY 1st, at the LONDON TAVERN, Bishopsgate-street. Candidates may obtain forms of application (to be returned on or before 6th DECEMBER) from the Secretary, at the Offices, 63, New Ormond-street. Premium 5l. per annum for males, and 3l. for females.

A. G. HARRIS, Sec.

BUILDERS' BENEVOLENT INSTITUTION.

—At the Fifth Anniversary Dinner, held at the London Tavern, on Thursday, [illegible] 1852, SAMUEL MORTON PETO, Esq. M.P., president, in the chair, the following donations and other subscriptions were announced viz.

Those marked d. donations.

Those marked s. annual subscriptions.

	£	s.	d.
Samuel Morton Peto, esq. M.P. president	d.	[illegible]	
Peto ditto	d.	[illegible]	
Messrs. Peto and Betts	d.	20	
Ashdown, Mr. J.	d.	1	1
Architects, Messrs. R. and W.	d.	1	1
Bird, Mr. George, [illegible]			
Bird, Mrs. George	d.	1	1
Bird, Miss Mary Ann	d.	10	10
Bird, Miss Jane	d.	10	10
Bird, Master Sidney	s.	0	10
Bursell, Mr. R. K.	d.	2	2
Blanchard, Mr. J.	d.	2	2
Bulmer, Mr. J.	d.	1	1
Palmer, Mr. S. B.	d.	1	1
Bellett, A. esq.	d.	5	5
Brown, Mr. E.	d.	1	1
Bird, Mr. Jno. (work-man)	d.	1	1
Blyth and Jenkins, Messrs.	d.	1	1
Balam, Chas. esq.	d.	10	10
Brown, Mr. Jno.	d.	1	1
Buck, Mr. C.	d.	1	1
Bunnett, [illegible]	d.	1	1
Bird, Mr. Joseph	s.	10	10
Bird, Stephen, esq.	s.	10	10
Clowser, Mr. T.	s.	1	1
Collins and Bunnett, Messrs.	d.	1	1
Clark, Mr. G. H.	d.	0	10
Cubitt, Messrs. Wm. and Co.	d.	10	10
Cornet, Mr. T.	s.	2	2
Coles, Wm. esq.	d.	5	5
Dixon, Charles esq.	d.	10	10
Elder, Mr. John	d.	1	1
Erith, Mr. G.	s.	1	1
Forest, Robert, esq.	d.	10	0
Ditto	s.	2	2
Friend [illegible] per J.	s.		
Bird	d.	10	
Freeman, Mr. Jas.	d.	3	3
Freeman, Mr. W. jun.	d.	3	3
Freeman, Mr. Chas.	d.	3	3
Filch, Mr.	d.	1	1
Grissell, Thos. esq.	d.	10	10
Gardiner, W. J. esq.	d.	3	3
Grayson, Mr. G.	d.	3	3
Gabb, and George, Messrs.	d.	1	1
Hunt and Stephenson, Messrs.	d.	5	5
Hickman, Mr. R.	d.	1	1
Harvey, Mr. J.	d.	1	1
Harding, Mr. W.	d.	1	1
Hardwick, Mr. W. jun.	d.	1	1
Hunt, Mr. Joshua	s.	1	1
Hall, Messrs. Thos. and Son	d.	1	1
Beardmore, Mr. Wm.	s.	1	1
Bannister, Mr. F. D.	s.	1	1
Baker, Mr. W.	s.	1	1
Blaker, Messrs.	s.	1	1
Chadwick, Messrs. Geo. and Son	s.	3	3
Dibbs	s.	5	5
Colbran, Mr. H. R.	s.	1	1
Crowder, Mr. S.	s.	1	1
Dobson, Mr. R.	s.	1	1
Banting, Mr. W.	s.	1	1
Everhed, Mr. E.	s.	1	1
Fabian, Mr. J.	d.	5	5
Field, Messrs. W. A. and R.	s.	1	1
Gallard, Mr. C.	s.	1	1
Gravett, Mr. Wm.	s.	1	1
Harmer, Mr.	s.	1	1
Hall, Mr. G. H.	s.	1	1
Habingham, Messrs. and Son	s.	3	3
Harry, Lord A., M.P.	d.	5	5
Ditto	s.	2	2
Hewlett, Mr. W.	s.	1	1
Hardwick, Mr. W.	s.	1	1
Lambert, Mr. W.	s.	1	1
Lambert, Mr. W. H.	s.	1	1
Lynn, Mr. G.	s.	1	1
Martin and Hardwick, Messrs.	s.	1	1
Maitland, Mr. Edw.	s.	1	0
Mawhood, Mr. George (Honorary Sec.)	s.	1	1
Morris, Mr.	s.	1	1
Norman, Mr. Richard	s.	1	1
Peacock and Son, Messrs.	s.	1	1
Pain and Pennington, Messrs.	s.	1	1
Pocock, Mr. W.	s.	1	1
Palmer, Mr. Jas.	s.	1	1
Pocock, Mr. Richard	d.	1	1
Rowell, Mr. William	s.	1	0
Radley and Foster, Messrs.	s.	1	1
Smith, Mr. G.	s.	1	1
Spooner, Mr. C.	s.	1	1
Smith, Mr. George	s.	1	1
Tooth, Messrs. P. & J.	s.	1	1
Thorpe, Mr. T.	s.	1	1
Terry, Mr. George	s.	1	1
Terry, Mr. Samuel	s.	1	1
Tyson, Mr. R.	s.	1	1
Wilson, Mr. P. R.	s.	1	1
Williams, Mr. R.	s.	1	1
Wilkins and Assenbler, Messrs.	s.	1	1
Young, Mr. T.	s.	1	1

First Return of the Brighton Branch of the Institution, commenced 1851.

	£	s.	d.
Beardmore, Mr. Wm.	s.	1	1
Bannister, Mr. F. D.	s.	1	1
Baker, Mr. W.	s.	1	1
Blaker, Messrs.	s.	1	1
Chadwick, Messrs. Geo. and Son	s.	3	3
Dibbs	s.	5	5
Colbran, Mr. H. R.	s.	1	1
Crowder, Mr. S.	s.	1	1
Dobson, Mr. R.	s.	1	1
Banting, Mr. W.	s.	1	1
Everhed, Mr. E.	s.	1	1
Fabian, Mr. J.	d.	5	5
Field, Messrs. W. A. and R.	s.	1	1
Gallard, Mr. C.	s.	1	1
Gravett, Mr. Wm.	s.	1	1
Harmer, Mr.	s.	1	1
Hall, Mr. G. H.	s.	1	1
Habingham, Messrs. and Son	s.	3	3
Harry, Lord A., M.P.	d.	5	5
Ditto	s.	2	2
Hewlett, Mr. W.	s.	1	1
Hardwick, Mr. W.	s.	1	1
Lambert, Mr. W.	s.	1	1
Lambert, Mr. W. H.	s.	1	1
Lynn, Mr. G.	s.	1	1
Martin and Hardwick, Messrs.	s.	1	1
Maitland, Mr. Edw.	s.	1	0
Mawhood, Mr. George (Honorary Sec.)	s.	1	1
Morris, Mr.	s.	1	1
Norman, Mr. Richard	s.	1	1
Peacock and Son, Messrs.	s.	1	1
Pain and Pennington, Messrs.	s.	1	1
Pocock, Mr. W.	s.	1	1
Palmer, Mr. Jas.	s.	1	1
Pocock, Mr. Richard	d.	1	1
Rowell, Mr. William	s.	1	0
Radley and Foster, Messrs.	s.	1	1
Smith, Mr. G.	s.	1	1
Spooner, Mr. C.	s.	1	1
Smith, Mr. George	s.	1	1
Tooth, Messrs. P. & J.	s.	1	1
Thorpe, Mr. T.	s.	1	1
Terry, Mr. George	s.	1	1
Terry, Mr. Samuel	s.	1	1
Tyson, Mr. R.	s.	1	1
Wilson, Mr. P. R.	s.	1	1
Williams, Mr. R.	s.	1	1
Wilkins and Assenbler, Messrs.	s.	1	1
Young, Mr. T.	s.	1	1

The Directors earnestly appeal to the charitable public, particularly those more immediately interested in the welfare of this Institution, established in 1837, for granting pensions to decayed Master Builders, the widows of Master Builders in connection with them, and their widows to subscribe towards the relief of those [illegible] and distressed brethren, and by their generous aid enable the Directors to relieve the numerous applicants for the bounty of the Institution.

Subscriptions and donations will be gratefully received by the Treasurer, Mr. GEORGE BIRD, 18, Edgware-road; the Bankers, Sir CLAUDE SCOTT and Co., Cavendish-square; and the Secretary, at the offices, 63, New Ormond-street.

A. G. HARRIS, Sec.

For more information on PDF Compression and OCR go to our website